

LPC#0316195316
Kester Solder Company
Cook County
Chicago, IL
Superfund/HRS

CERCLA

Pre-Cerclis Screening Action

US EPA RECORDS CENTER REGION 5



402791



Illinois Environmental
Protection Agency

PRE-CERCLIS SCREENING REPORT

for:

**KESTER SOLDER COMPANY
CHICAGO, ILLINOIS**

PREPARED BY:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
DIVISION OF REMEDIATION MANAGEMENT
OFFICE OF SITE EVALUATION

JULY 7, 2005

Introduction

On February 22, 2005 the Illinois Environmental Protection Agency (Illinois EPA) was tasked by the Region 5 Offices of the United States Environmental Protection Agency (U.S. EPA) to conduct Pre-CERCLIS Screening Assessments on historic lead sites within the Chicago Metropolitan Area. These properties were identified from historic maps and industrial directories that suggest that lead may have been used at these facilities. The Pre-CERCLIS Screening Assessment activities will include a review of available information, a visual site reconnaissance, a determination of current land use, and identify the risk for human exposure to potential contaminants on the subject property and adjacent land. This investigation was performed under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) commonly known as Superfund.

Section 1 – Site Description

Kester Solder Co. is located at 4201 W. Wrightwood Ave, Chicago, Cook County Illinois. The property has been identified as a potential lead site. The property is located in a mixed industrial and residential neighborhood (See Figure 1). A reconnaissance of the property indicated it was made up of a warehouse and office space. According to information obtained from the Cook County Assessors Office, the Kester Solder Company started in May 1941 at the 4201 W. Wrightwood address. No information was available on State or Federal databases using this location or company name (US Environmental Protection

Agency)(Illinois Environmental Protection Agency). No environmental samples were collected during the PCS.

Section 2 Site History

On May 24, 2005 the author of this report conducted a site reconnaissance of the 4201 W. Wrightwood Ave location. As pictured in Figure 2, the Kester Solder Co. was fully contained inside the 4201 W. Wrightwood address. This building is located in a mixed residential/commercial area, northwest of downtown Chicago. According to information contained in the Standard Metal Directory the Kester Solder Co. was a metal smelter.

Section 3 Recommendation

Based on the findings of this Pre-CERCLIS Screening, the author of this report recommends that the Kester Solder Co., located at 4201 W. Wrightwood Ave, Chicago, IL, receive No Further Action under the CERCLA process. Current conditions at the Wrightwood address pose little threat to human exposure due to the fact that everything is either covered by concrete, asphalt, or contained inside the building.

ATTACHMENTS

Figure 1 Aerial photo of site location

Figure 2 Photos

Figure 3 Pre-CERCLIS Screening Assessment Checklist/Decision Form

REFERENCES

Cook County Assessor's Office,
<http://www.cookcountyassessor.com/filings/gis.asp>

Illinois Environmental Protection Agency, <http://www.epa.state.il.us>

U.S. Environmental Protection Agency,
<http://www.epa.gov/superfund/sites/cursites/index.htm>

Standard Metal Directory, Eighth Edition 1940, Atlas Publishing Company, 150 Lafayette St., New York, Copyright 1939.

Standard Metal Directory, Eleventh Edition 1948, Bardeen Press, Inc., Atlas Publishing Co., Copyright 1948.

Standard Metal Directory, 1963-1964 Volume XVIII, by Geoffrey J. Nightingale, Copyright 1963, by Standard Metal Directory 525 W. 42nd Street, New York 36, N.Y.

TerraServer-USA, <http://terraserer-usa.com/default.aspx>

FIGURE 1

AERIAL PHOTO

Figure 1

Kester Solder Company

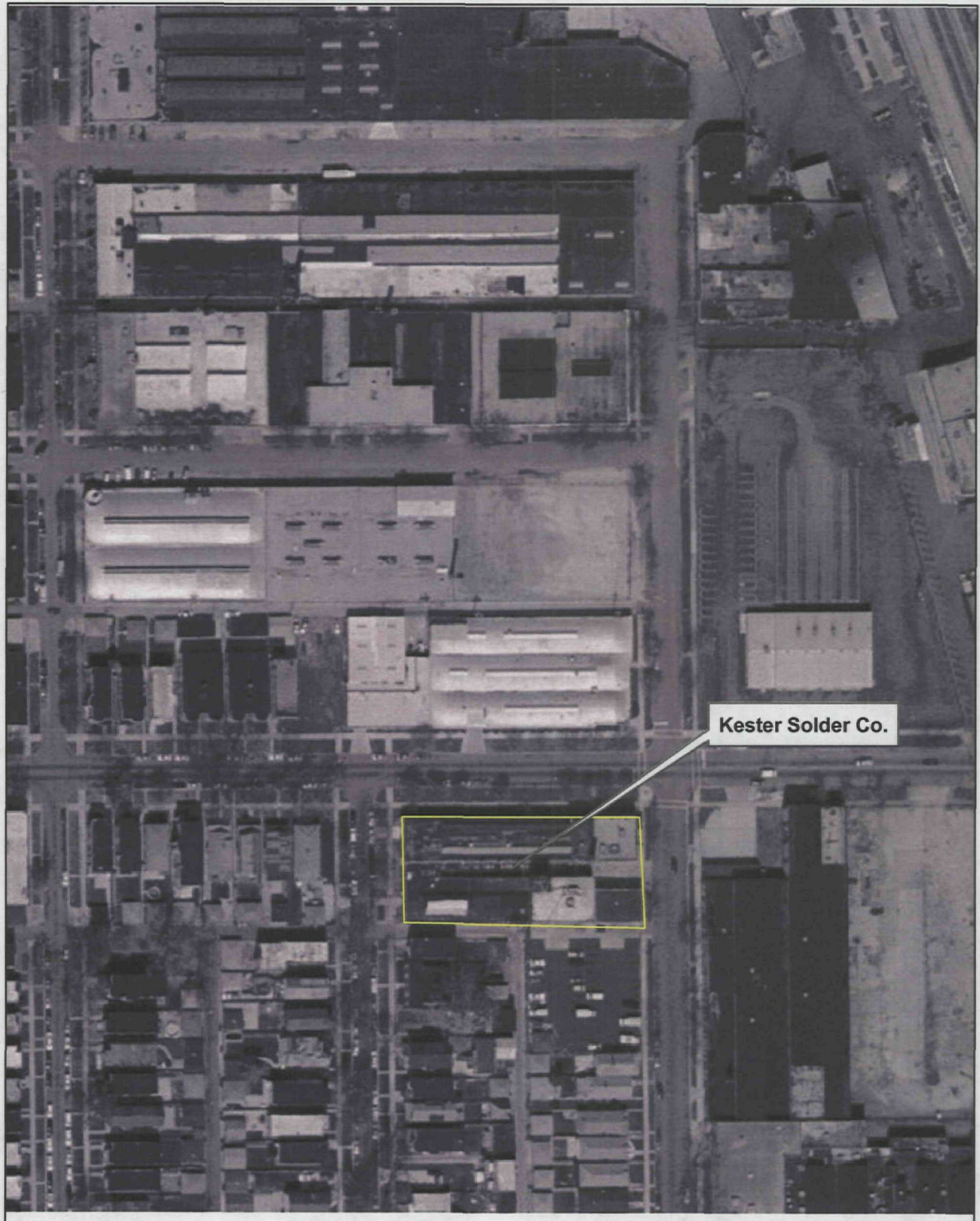


FIGURE 2
PHOTOS



DIGITAL PHOTOGRAPHS

Kester Solder Company
Chicago, Illinois - Cook County

DATE: 5/24/2005

DIRECTION: East

PHOTO by: Tony Wasilewski

COMMENTS:

**This Photo depicts the East side
Entrance to the former Kester
Solder Company.**



DATE: 5/24/2005

DIRECTION: North

PHOTO by: Tony Wasilewski

COMMENTS:

**This Photo depicts the entrance
To the warehouse portion of the
Building.**





DIGITAL PHOTOGRAPHS

Kester Solder Company
Chicago, Illinois - Cook County

DATE: 5/24/2005
DIRECTION: East
PHOTO by: Tony Wasilewski
COMMENTS:

**This Photo depicts the back side
Of the building looking east.**



DATE: 5/24/2005
DIRECTION: Southwest
PHOTO by: Tony Wasilewski
COMMENTS:

**This Photo depicts the current
Business located in the former
Kester Solder Company building.**





DIGITAL PHOTOGRAPHS

Kester Solder Company
Chicago, Illinois - Cook County

DATE: 5/24/2005
DIRECTION: West
PHOTO by: Tony Wasilewski
COMMENTS:

This Photo depicts the backside
Of the former Kester building.



DATE: 5/24/2005
DIRECTION: North
PHOTO by: Tony Wasilewski
COMMENTS:

This Photo depicts the North
Side of the property.





DIGITAL PHOTOGRAPHS

Kester Solder Company
Chicago, Illinois - Cook County

DATE: 5/24/2005

DIRECTION: South

PHOTO by: Tony Wasilewski

COMMENTS:

This Photo depicts the property
Located behind the Kester
Building.



FIGURE 3

**PRE-CERCLIS SCREENING ASSESSMENT
CHECKLIST/DECISION FORM**

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer: Tony Wasilewski 06/30/05
 Name/Title Date
1021 N. Grand Ave East 217-557-3200
 Address Phone
Tony.Wasilewski@epa.state.il.us
 E-mail Address

Site Name: Kester Solder Co.
 Previous Names (if any): _____
 Site Location: 4201 Wightwood Ave
Chicago, IL 60639-2095

Latitude: N41° 55.676 Longitude: W87°43.907'

Complete the following checklist. If Ayes is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?	~	X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	~	X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	~	X
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	~	X
5. Is some other program actively involved with the site (Federal, VCP, State, or Tribal)?	~	X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	~	X
7. Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA Corrective Action, FIFRA, or Brownfields)?	~	X
8. Is there insufficient data (provided by the State) to verify that a release has occurred or has the potential to occur (i.e., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants and contaminants)?	~	X
9. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (i.e., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, EPA approved risk assessment completed)?	~	X

Please explain all yes answer(s), attach additional sheets if necessary: _____

Site Determination: ~ Yes Enter the site into CERCLIS. Further assessment is recommended (explain below).
 ~ No The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:

Regional EPA Reviewer:

Print Name/Signature

Joanne Guff

Date

9/29/05

State Agency/Tribe:

Print Name/Signature

Date